

Borough of Kidderminster.

# REPORTS

ON THE

Health of the Borough,

BY THE

Medical Officer of Health,

AND

SANITARY INSPECTOR.

1908.

KIDDERMINSTER :

PRINTED AT THE SHUTTLE PRESS.

# HEALTH COMMITTEE

(Kidderminster Corporation).

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Chairman :  
COUNCILLOR O. C. P. EVANS, M.D.

Vice-Chairman :  
ALDERMAN T. PENSOTTI, J.P.

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THE MAYOR (EX-OFFICIO).  
THE DEPUTY MAYOR (EX-OFFICIO).  
ALDERMAN G. A. WESTON.

COUNCILLOR W. ADAM, J.P.  
„ W. CHADWICK.  
„ W. H. MOORE, M.R.C.S., L.R.C.P.  
„ W. COOKE.  
„ F. W. OAKES.  
„ T. GRIFFIN, J.P.  
„ J. RAY, J.P.

Medical Officer of Health :  
DAVID CORBET, M.R.C.S.

Public Analyst :  
E. W. T. JONES, F.I.C.

Sanitary Inspector :  
J. T. COWDEROY, C.S.I.

Assistant Inspector :  
F. ARNOLD.

# ANNUAL REPORT

FOR THE YEAR 1908.

TOWN HALL,

*February 1st, 1909.*

GENTLEMEN,

I beg to present the following Report upon the Health and Sanitary condition of the Borough of Kidderminster for the year 1908.

The Return of Deaths and of cases of Infectious Diseases I herewith hand you duly completed.

During the year there have been 522 Births, or 21·13 in the thousand :—Males, 270 ; Females, 252.

The total number of Deaths from all causes, which have been registered, is 409 ; the number in each sex being 211 Males and 198 Females.

Deaths in the Workhouse, 78. Residents, 59 ; Non-Residents, 19.

Deaths in the Infirmary, 62. Residents, 36 ; Non-Residents, 26.

The ages at which the deaths have taken place during the year are as follows :—

|                       |     |         |
|-----------------------|-----|---------|
| Under one year        | ... | 63      |
| Between 1 and 5 years | ... | 26      |
| „ 5 „ 15 years        | ... | 12      |
| „ 15 „ 25 years       | ... | 17      |
| „ 25 „ 65 years       | ... | 147     |
| From 65 and upwards.  | ... | 144     |
| Total                 |     | ... 409 |

The Death Rate per thousand for the year is 16·55.

*NOTE.—If we subtract the deaths of non-residents registered as occurring in the Workhouse and Infirmary, the Death Rate would be 14·73.*

The Deaths from the principal Zymotic Diseases during last year and the nine previous years have been as follows :—

| DISEASES.      | 1899 | 1900 | 1901 | 1902 | 1903 | 1904 | 1905 | 1906 | 1907 | 1908 |
|----------------|------|------|------|------|------|------|------|------|------|------|
| Small Pox ...  | ...  | ...  | ...  | ...  | ...  | ...  | ...  | ...  | ...  | ...  |
| Scarlet Fever  | ...  | 2    | ...  | 1    | 1    | 2    | ...  | ...  | ...  | ...  |
| Typhoid Fever  | 4    | 1    | 2    | ...  | ...  | 1    | 2    | ...  | ...  | 1    |
| Measles ...    | ...  | 16   | 3    | 12   | 2    | ...  | 2    | 1    | ...  | ...  |
| Diphtheria ... | 4    | 17   | 6    | 2    | 3    | 1    | 2    | 2    | 1    | 2    |
| Diarrhœa ...   | 16   | 7    | 15   | 12   | 7    | 11   | 13   | 14   | 9    | 3    |
| Whoop. Cough   | 4    | 3    | 15   | ...  | 1    | 4    | 8    | 7    | 8    | 3    |
| Totals ...     | 28   | 46   | 41   | 27   | 14   | 19   | 27   | 24   | 18   | 9    |

### SCARLET FEVER.

We have had 27 Notifications of this Disease for 1908 and no deaths, against 14 and no deaths in 1907.

#### BOROUGH CASES ONLY.

| MONTH.        | Notifi-<br>cations | Removed<br>to<br>Hospital | Nursed<br>at<br>Home. | Deaths<br>in<br>Hospital. | Deaths<br>at<br>Home. |
|---------------|--------------------|---------------------------|-----------------------|---------------------------|-----------------------|
| January ...   | 1                  | 1                         | ...                   |                           |                       |
| February ...  | 1                  | ...                       | 1                     |                           |                       |
| March ...     | ...                | ...                       | ...                   |                           |                       |
| April ...     | ...                | ...                       | ...                   |                           |                       |
| May ...       | 7                  | 6                         | 1                     |                           |                       |
| June ...      | ...                | ...                       | ...                   |                           |                       |
| July ...      | 3                  | 3                         | ...                   |                           |                       |
| August ...    | 1                  | 1                         | ...                   |                           |                       |
| September ... | 2                  | 2                         | ...                   |                           |                       |
| October ...   | 6                  | 5                         | 1                     |                           |                       |
| November ...  | 5                  | 5                         | ...                   |                           |                       |
| December ...  | 1                  | 1                         | ...                   |                           |                       |
| Totals ...    | 27                 | 24                        | 3                     |                           |                       |

NOTE.—The Deaths occurring in the Borough Hospital are not included in the Borough Zymotic Death Rate, as the Institution is outside the Borough, therefore is not included in the Borough Registration District.



# ANNUAL REPORT OF THE MEDICAL OFFICER OF HEALTH FOR THE YEAR 1908,

for the Borough of Kidderminster, on the administration of the Factory  
and Workshops Acts, 1901, in connection with

FACTORIES, WORKSHOPS, LAUNDRIES, WORKPLACES AND  
HOMEWORK.

## 1.—INSPECTION

| PREMISES.                                  | Number of        |                     |                   |
|--|------------------|---------------------|-------------------|
|  | Inspect-<br>ions | Written<br>Notices. | Prose-<br>cutions |
| Factories (including Factory Laundries) .. | 14               | 5                   |                   |
| Workshops     "     "     "     " ..       | 167              | } 20                |                   |
| Workplaces ..                              | 159              |                     |                   |
| Total ..                                   | 330              | 25                  |                   |

## 2.—DEFECTS FOUND.

| PARTICULARS.   | Number of Defects |               |                                  | Number<br>of<br>Prose-<br>utions. |
|--|-------------------|---------------|----------------------------------|-----------------------------------|
|  | Found             | Reme-<br>died | Referred<br>to H.M.<br>Inspector |                                   |
| <i>Nuisances under the Public Health Act :—</i>  |                   |               |                                  |                                   |
| Want of Cleanliness .. .. .  |                   |               |                                  |                                   |
| Want of Ventilation .. .. .  |                   |               |                                  |                                   |
| Overcrowding .. .. .   |                   |               |                                  |                                   |
| Want of Drainage of Floors .. .. .   |                   |               |                                  |                                   |
| Other Nuisances .. .. .  | 25                | 25            |                                  |                                   |
| Sanitary Accommodation { Insufficient .. .. .  |                   |               |                                  |                                   |
| { Unsuitable or defective .. .. .  |                   |               |                                  |                                   |
| { Not separate for Sexes .. .. .   |                   |               |                                  |                                   |
| Sect. 22 P.H.A.A. Act, 1890, is adopted<br>in Kidderminster .. .. .  |                   |               |                                  |                                   |
| Water Carriage is the system generally<br>enforced in Kidderminster .. .. .  |                   |               |                                  |                                   |
| The Standard of sufficiency adopted in<br>the Borough is that contained in the<br>Home Office Order, Feb. 4th, 1903 .. |                   |               |                                  |                                   |
| <i>Offences under the Factory &amp; Workshops Act</i>  |                   |               |                                  |                                   |
| Illegal occupation of Underground Bake-<br>house (s. 101) .. .. .  |                   |               |                                  |                                   |
| Breach of special sanitary requirements<br>for Bakehouse (s.s. 97 to 100) .. .. .                                      |                   |               |                                  |                                   |
| Failure as regards lists of Outworkers<br>(s. 107) .. .. .   |                   |               |                                  |                                   |
| Giving out work to be infected (s. 110)<br>done in premises which { (s. 108)   |                   |               |                                  |                                   |
| are  |                   |               |                                  |                                   |
| Allowing wearing apparel to be made in<br>premises infected by Scarlet Fever or<br>Smallpox (s. 109) .. .. .           |                   |               |                                  |                                   |
| Other Offences .. .. .   |                   |               |                                  |                                   |
| Total ..   | 25                | 25            |                                  |                                   |

| CLASS.  |    |  |    | Number |
|---|----|--|----|--------|
| Matters notified to H.M. Inspectors of Factories :—   |    |  |    |        |
| Failure to affix Abstract of the Factory and Workshop Act (s. 133) .. .. .  | .. | ..   | .. | ..     |
| Action taken in matters referred by H.M. Inspectors as remediable under the Public Health Acts, but not under the Factory Act (s. 5). | }  | Notified by H.M. Inspectors.                       |    | 12     |
|   |    | Reports (of action taken) sent to H.M. Inspectors. |    |        |
| Other .. .. .   | .. | ..   | .. | 13     |
| Underground Bakehouses (s. 101) :—  |    |  |    |        |
| Certificates granted during the year .. .. .  | .. | ..   | .. |        |
| In use at the end of the year .. .. .   | .. | ..   | .. | 2      |
| Workshops on the Register (s. 131) at the end of year .. .. .   | .. | ..   | .. | 258    |
| Bakehouses under inspection .. .. .   | .. | ..   | .. | 50     |
| Total number of Workshops on Register .. .. .   |    |  |    | 308    |

## HOME WORK.

| CLASS.   | Lists. | Out-workers. | Number of addresses of Outworkers forwarded to other Councils. | No. of Inspections of Outworkers premises |
|--|--------|--------------|--|---|
| <i>Outworkers' Lists, Section 107.</i>                   |        |              |  |   |
| Lists received from Employers :—<br>(Twice in the year). | 22     | 46           |  |   |
| Wearing Apparel—   |        |              |  |   |
| (1) Making, &c. ...                                      | 18     | 40           | 2  | 40  |
| (2) Cleaning and Washing Furniture and Upholstery ...    | 4      | 6            |  | 6   |
| Totals .. .. .   | 22     | 46           | 2  | 46  |

## BOROUGH HOSPITAL.

|   |     |    |
|---|-----|----|
| Number in Hospital, on December 31st, 1907  | ... | 3  |
| Number of Scarlet Fever Cases admitted from January 1st, 1908, to December 31st, 1908 | ... | 76 |
| Number of Small Pox Cases, admitted from January 1st, 1908, to December 31st, 1908    | ... | 0  |
| Number of Scarlet Fever (Discharged Cured)  | ... | 71 |
| Number of Small Pox (Discharged Cured)  | ... | 0  |
| Number of Deaths from Scarlet Fever (non-Borough Cases)                               |     | 2  |
| Average number of days each patient discharged remained in Hospital                   | ... | 47 |
| Remaining in Hospital on December 31st, 1908  | ... | 7  |

One case of Diphtheria was treated in the Hospital during the year.

**Typhoid Fever.**—One case, notified September 5th, 1908; male, aged 30 years, 4, Cross Street, isolated at home; Died, October 2nd, 1908. Two living rooms, three sleeping rooms, two adults, one child. Patient: a butcher; had been at work at Birmingham previous to illness. Surroundings: yard paved, drains trapped, town water and water closet.

**Anthrax.**—Two cases. First, male, aged 23 years, by trade a horse slaughterer; recovered. Second, male, aged 60 years, labourer at a carpet mill in the borough; recovered. Both cases were residents, and were treated in our Infirmary. All precautions were taken.

**Scarlet Fever.** — Twenty-seven cases. Twenty - three removed to Borough Hospital, and no deaths. Five houses had two cases in them. There were twenty-six cases in sixteen separate localities, and one in the Infirmary, which was a non-resident.



## DIPHTHERIA CASES, 1908.

Ten cases, two deaths.

| DATE OF NOTIFICATION. | ADDRESS.                          | SURROUNDINGS.                                       |
|-----------------------|-----------------------------------|---|
| April 7th             | 7, New Cottages,<br>Park Lane     | Yard paved, drains trapped,<br>water closet.        |
| April 8th             | 20, Cross Street                  | Yard partly paved, drains<br>trapped, water closet. |
| June 2nd              | 4, Park Butts                     | Yard paved, drains trapped,<br>water closet.        |
| July 14th             | 61, Baxter Avenue                 | Yard paved, drains trapped,<br>water closet         |
| July 15th             | The Hollies, Birming-<br>ham Road | Yard paved, drains trapped,<br>water closet.        |
| July 24th             | 121, Park Street                  | Yard paved, drains trapped,<br>water closet.        |
| August 31st           | 2, Batham Street                  | Yard paved, drains trapped,<br>water closet.        |
| October 5th           | 9, Bromsgrove Street              | Yard paved, drains trapped,<br>water closet.        |
| November 30th         | 35, Back Queen<br>Street          | Yard paved, drains trapped,<br>water closet.        |
| December 15th         | 84, Mill Street                   | Yard partly paved, drains<br>trapped, water closet. |

**Measles.** — During the year the Borough has been practically free from this disease.

**Respiratory Diseases.**—Under this heading are included : Pneumonia, Bronchitis, and Pleurisy. During the year 66 deaths have been registered, being one death more than in 1907.

**Phthisis.**—The deaths from this disease have been two less than in 1907, being 19 deaths. I have prepared a table showing what were the occupations of the deceased persons. Two of the nineteen cases occurred in the Workhouse.

**Infantile Mortality.**—Compared with last year our total Births are less, by 28, being 522 for 1908, and 550 for 1907. The mortality of infants under twelve months is 63 for 1908, against 77 for 1907. This causes our Infant Mortality per 1,000 births to be lower than in 1907, viz : 120·68 for 1908, against 140 in 1907.



The following shows you the ages at which the deaths occurred of the infants under one year.

| Under 1 Week. | 1-2 Weeks. | 2-3 Weeks. | 3-4 Weeks. | Under 1 Month | 1-2 Months. | 2-3 Months. | 3-4 Months. | 4-5 Months. | 5-6 Months. | 6-7 Months. | 7-8 Months. | 8-9 Months. | 9-10 Months. | 10-11 Months. | 11-12 Months. | Total Deaths under 1 Year. |
|---------------|------------|------------|------------|---------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|---------------|---------------|----------------------------|
| 14            | 1          | 4          | 1          | 20            | 9           | 10          | 7           | 3           | 4           | 3           | 2           | 2           | 3            | —             | —             | 63                         |

On Table 5 you will find the causes of death.

We still continue to supply the Registrar with copies of instructions on the rearing and feeding of infants, which are handed to each person registering a birth. I am of an opinion that this method of distributing useful information to the right persons is beginning to bear fruit. Our infantile mortality for 1908 is below the average for the past ten years. Average for past ten years, 150·18 : for 1908, 120·68 per 1,000 births.

I must point out that a large section of our female population are employed in the spinning and carpet factories of the town.

The Birth Rate per 1000 population is 21·13 ; in 1907 it was 22·26. I have prepared a table on page 12, showing the excess of births over deaths since 1889, a period of 20 years.

**Marriages.**—The number of marriages which took place within the Borough for 1908 was 207. The number for 1907 was 276.

**Illegitimacy**—Thirty-five births have been registered during the year. Males, 21 ; Females, 14. Sixteen of the births occurred in the Workhouse. Total illegitimate births for 1907, 36.

**Hospital.**—The Hospital work for the year has been heavier than last year. Cases for 1907, 21 ; 1908, 76. The following are the cases I have received and treated :

|                                 |     |    |           |
|---------------------------------|-----|----|-----------|
| From the Borough                | ... | 23 |           |
| From Stourbridge and Halesowen  | 43  |    | 2 Deaths. |
| From the Rural District of Kid- |     |    |           |
| derminster                      | ... | 4  |           |
| From Bewdley                    | ... | 4  |           |
| From Stourport                  | ... | 1  |           |
| From the Infirmary              | ... | 1  |           |

**Factory and Workshops Acts.**—The workshops and workplaces are regularly inspected, and on the whole are in a satisfactory condition.

Section 22 of the Public Health Act Amendment Act, 1890, is in force in Kidderminster. The standard of sufficiency and suitability of sanitary accommodation which we adopt is that contained in the Home Office order, No. 89, of 1903.

**Closure of Schools.**—During the year there has been no serious outbreak of Infectious Disease in any of our Elementary Schools, therefore we have not had to close any school this year.

**Foods and Drugs Acts.**—The usual number of samples have been taken under this Act. The details will be found in the Sanitary Inspector's report appended.

**Court Sweeping.** — The sweeping is still carried on satisfactorily. The work is most valuable in contributing to the sanitary condition of the Borough.

**Public Thoroughfares.** — The roadway leading from Crowther Street to Mill Lane, and also the roadway leading from Woodfield Crescent to Franchise Street, are in a bad state of repair, both roadways being near to Elementary Schools. The said roads are in the same condition as when I reported last year.

**Dirty Houses.**—I have certified 191 houses that required cleansing and whitewashing, as per section 46 of the Public Health Act, 1875, and four under section 5 of the Infectious Disease (Prevention) Act, 1890.

**Household Ashes and Refuse.**—We are still able to dispose of our household ashes and refuse without difficulty. The bulk of it goes by Canal to Oldington Farm. The whole of this work is now done by our own staff.

**Sewers.**—Complaints concerning the sewers have been few during the year. Complaints, when received, have immediate attention from the Surveyor's department.

**Anthrax in Cattle.**—On September 11th, 1908, in one of our Borough cow-sheds, a cow died; certified to have been Anthrax. I visited the premises, and saw that all precautions were taken in reference to the milk, cleanliness, lime-washing, disinfecting, and burning of the carcase. No second case occurred.

**Water Supply** to our Borough is constant and of excellent quality, being supplied from four artesian wells.

**Mortuary Chapels in Cemetery.**—In consequence of my report of a year ago, many of the suggestions I then made have been carried out in a satisfactory manner.

**The Public Health (Tuberculosis) Regulations, 1908.**—For nine years past we have supplied handbills and leaflets in cases of Pulmonary Tuberculosis, and have also disinfected houses after death. We shall still continue to do the same, and in addition, will carry out the extensive duties laid down in these regulations. We have a register prepared for recording particulars of all future cases.

**Elementary Schools.**—During the year I have reported to the Health Committee on most of the Public School Buildings, and these reports have been forwarded to the Education Committee. The two chief matters I drew attention to were: First, the danger to life in case of fire in two of the schools; Second, the heating of the schools by stoves, which is most inefficient and unsatisfactory. The room is too hot in one place and is too cold in another; the air also becomes dry and irritating to the Teachers, who have much talking to do. In those schools heated by hot water, the pipes are quite unprotected, and in one school the pupils sit with their backs within a foot or so of the hot pipes.

**Medical Inspection of Schools.**—This work is under the control of the School Medical Officer to the Education Committee (Dr. Griffiths) whose report to me I have pleasure in herewith presenting :

“I send you a general statement showing that the work so far has been carried out according to the requirements of the Board of Education. The general scheme for inspection of the children of different ages has been drawn up and cards for recording the result for each child have been provided. This year the children who attained the age of five years in 1908 have been inspected, and those who attain the age of fourteen years in 1909. That is to say the first and fourth inspection have been carried out, but not the second and third. It is proposed that all four inspections be carried out in 1909. I am pleased to state that the work has gone on smoothly, and I must thank the teachers for their co-operation and help in the work. I have not as yet the data to give you particulars as to the general physical development of the children, but I may state that so far I have been favourably impressed by the general condition of the children. We have about 4,500 children on the registers. A fair number of parents attend the examinations, especially with younger children. The attention of parents is drawn to any defect or disease, and they are advised to take the child to their usual medical attendant.”



**Alleged Illness from a Decoction of Herbs.**—On Oct. 29th, 1908, a medical man brought to the Health Office a portion of a decoction of Boneset, which he said had caused two of his patients to be made seriously ill, the symptoms resembling Belladonna poisoning. We forwarded the decoction and also some of the herb to the Public Analyst, who reported as follows:

[COPY],

PUBLIC ANALYST'S LABORATORY,

10, VICTORIA STREET,

WOLVERHAMPTON,

E. W. T. JONES, F.I.C.

7th November, 1908.

### Sale of Food and Drugs Act, 1875.

**CERTIFICATE** to Mr. J. T. COWDEROY.

I, the undersigned, Public Analyst for the BOROUGH OF KIDDERMINSTER, do hereby certify that I received on the 31st October, 1908, from Mr. J. T. Cowderoy, a sample of "Decoction of Boneset" for analysis, and have analyzed the same and declare the result of my analysis to be as follows:

I am of opinion that the said sample contained 1·41 per cent. of solid matter in solution. I can find nothing present inconsistent with its being a genuine decoction of *Empatorium Perfoliatum* Thoroughwort or Boneset. Neither this nor its preparations have any official recognition in Great Britain.

E. W. T. JONES, F.I.C.,

*Boro' Analyst.*

COPY].

PUBLIC ANALYST'S LABORATORY,

10, VICTORIA STREET,

WOLVERHAMPTON,

E. W. T. JONES, F.I.C.

7th November, 1908.

### Sale of Food and Drugs Act, 1875.

**CERTIFICATE** to Mr. J. T. COWDEROY.

I, the undersigned, Public Analyst for the BOROUGH OF KIDDERMINSTER, do hereby certify that I received on the 31st October, 1908, from Mr. J. T. Cowderoy, a sample of "Boneset" for analysis, and have analyzed the same, and declare the result of my analysis to be as follows:

I am of opinion that the said sample consists of the flowering tops of *Empatorium Perfoliatum* Thoroughwort or Boneset. No foreign matter is present, hence I consider it genuine.

E. W. T. JONES, F.I.C.,

*Boro' Analyst.*



The herb was purchased from a local Herbalist, and the decoction was made by the wife of one of the patients. This herb can in no case be considered harmless; in fact, if given in an excessive dose it becomes dangerous to life as in the cases herein reported. I would also point out that the herb was sold without any directions or instructions given as to its use. Clear, explicit, and correct instructions should be printed on each packet, as it is a herb which is sold largely during the winter months for colds. Your Health Committee instructed the Town Clerk to write the herbalist requesting that in future correct printed instructions should be attached to each packet of the herb sold. The herbalist has since adopted the Health Committee's suggestion.

**Cow Sheds.**—There are fourteen Sheds in the Borough, owned by nine persons. The following are their locations, and a few particulars concerning each shed.

W. T., WOOD STREET. One shed constructed of wooden sides and iron roof, is used for ten cows, which are grazed throughout the year. The cows appear healthy, clean, and in good condition. The shed is paved, drained into the town sewer; the floor is washed down daily. The lighting and ventilation is fair.

H. E., PLEASANT STREET. One shed constructed of brick, tiled roof. Is used for sixteen cows, which are grazed throughout the year. The cows appear healthy, clean, and in good condition. Floor paved, and drained into town sewer. The floor is washed down daily. Lighting and ventilation good. Town water is used. Second shed is constructed of wood, and is used for two cows. Third shed is constructed of wooden sides with iron roof, and is used for one cow.

A. L., CHESTER ROAD. One shed constructed of wooden sides, iron roof, (thatched underneath), is used for fifteen cows, which are grazed throughout the year. The cows appear healthy, clean, and in good condition. Floor paved, drained into cesspit in field, floor washed down daily, lighting and ventilation very good. Town water is used. The approach to the shed should be paved. Second shed constructed of wooden sides, iron roof (thatched underneath), is used for five cows, which are grazed throughout the year. The cows appear healthy, clean, and in good condition. Floor paved, and drained into a cesspit. Lighting and ventilation fair; town water used. The approach to the shed should be paved.

A.W., LARK HILL. One shed, is constructed of wood, is used for five cows, which are grazed throughout the year. The cows appear healthy, clean, and in good condition. Floor paved, drained into town sewer, floor is washed daily, lighting and ventilation good. Approach to shed should be paved. Manure pit too near the shed.

S.F., RADFORD AVENUE. One shed, constructed of wood, is used for six cows, which are grazed throughout the year. The cows appear healthy, clean, and in good condition. Floor paved, drained into town sewer, town water is used, lighting and ventilation good. Floor washed daily.

S.B., CLENSMORE. One shed, constructed of wood, is used for six cows, which are grazed throughout the year. The cows appear healthy, clean, and in good condition. Floor paved and drained into cesspit; well water used. Floor washed daily. Lighting fair, ventilation good.

J.H., PARK LANE. One shed, constructed of brick walls with tiled roof, is used for five cows, which are grazed throughout the year. The cows appear healthy, clean, and in good condition. Floor paved, drained into cesspit; lighting and ventilation fair; town water is used. Second shed is constructed of brick with tiled roof, and is used for one cow; the lighting and ventilation is fair; drains into a cesspool; town water is used. Third shed, is constructed of wood, is used for three cows, which are grazed throughout the year. The cows appear healthy, clean, and in good condition. The floor is paved and drained into a cesspit; the floor is washed down daily; lighting and ventilation is good; town water is used.

A.F., CHESTER ROAD. The shed is constructed with wooden sides, with iron roof, is used for six cows, which are grazed throughout the year. The cows appear healthy and in good condition. Floor paved and drained into a catchpit in adjoining field; lighting and ventilation fair. Floors are washed down daily; and the town water is used.

W.T., NEW ROAD. One shed, constructed of wood; well lighted, ventilated, paved, drained into the sewer; town water laid on. Used occasionally.

All the cow-sheds are lime-washed at least twice a year.

None of the milk produced in the Borough is sent away by rail.

The bulk of the milk is delivered direct to the customers.

The amount of milk brought into the Borough by rail is about sixty gallons per day.

**Notification of Anthrax, Glanders and Hydrophobia in Man.**—The Health Committee have for some time past paid medical men for the immediate notification of Anthrax, and on my advice the Committee have proposed that these diseases shall be included among those notifiable under the Infectious Diseases (Notification) Act.

The Police always notify me immediately on the occurrence of any disease they are required to inform me of, as mentioned in the Contagious Diseases Animals' Act, and all orders and regulations relating thereto.

Allow me again, at the end of another year, to thank the Chairman, Vice-Chairman, and Members of the Health Committee for the support they have given me in the carrying out of my duties.

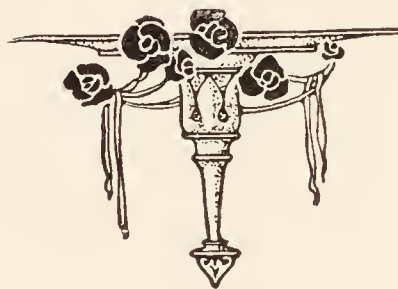
I am, Gentlemen,

Yours obediently,

DAVID CORBET,

*Medical Officer of Health.*

*To the Chairman, Vice-Chairman and  
Members of the Health Committee.*





## NATURAL INCREASE OF POPULATION.

Excess of Births over Deaths since 1889.

| Year. | Total Births. | Total Deaths. | Excess of Births<br>over Deaths. |
|-------|---------------|---------------|----------------------------------|
| 1889  | 681           | 437           | 244                              |
| 1890  | 701           | 448           | 253                              |
| 1891  | 729           | 452           | 277                              |
| 1892  | 674           | 478           | 196                              |
| 1893  | 668           | 431           | 237                              |
| 1894  | 641           | 391           | 250                              |
| 1895  | 637           | 471           | 166                              |
| 1896  | 614           | 398           | 225                              |
| 1897  | 617           | 427           | 190                              |
| 1898  | 568           | 394           | 174                              |
| 1899  | 571           | 436           | 135                              |
| 1900  | 600           | 542           | 58                               |
| 1901  | 622           | 496           | 126                              |
| 1902  | 622           | 433           | 189                              |
| 1903  | 637           | 414           | 223                              |
| 1904  | 627           | 469           | 158                              |
| 1905  | 590           | 395           | 195                              |
| 1906  | 615           | 374           | 241                              |
| 1907  | 550           | 336           | 224                              |
| 1908  | 522           | 364           | 158                              |

It will be noticed that the excess of births over deaths, 1889 to 1898, was 2,222. During the latter ten years it has fallen to 1,707, showing a decrease of excess of 515 on the previous ten years.

Average births per annum for past 20 years, 624·2.

Average excess of births over death :—

|                   |     |     |       |
|-------------------|-----|-----|-------|
| 1st 10 years      | ... | ... | 222·2 |
| 2nd „ „           | ... | ... | 170·7 |
| And for the whole | ... | ... | 196·4 |

First 10 years was 26 above the average for 20 years.

Second 10 years 26 below the average.

### DEATHS.

|              |     |     |      |
|--------------|-----|-----|------|
| 1889 to 1898 | ... | ... | 4318 |
| 1899 to 1908 | ... | ... | 4259 |
| Difference   | ... | ... | 59   |



## CANCER.

Under the title of "Cancer" are comprised: Deaths from Cancer, Carcimona, Malignant Disease, Scirrhus, Epithelioma, Sarcoma, Villous Tumour, and Papilloma of Bladder, and Rodent Ulcer, different terms for or different structural manifestations of the disease.

### Deaths during the Year 1908:

#### Occupations of Deceased Persons:

|               |     |     |    |
|---------------|-----|-----|----|
| Domestic      | ... | ... | 17 |
| Labourers     | ... | ... | 2  |
| Weaver        | ... | ... | 1  |
| Moulder       | ... | ... | 1  |
| Gardener      | ... | ... | 1  |
| Grave-digger  | ... | ... | 1  |
| Victualler    | ... | ... | 1  |
| Engine Fitter | ... | ... | 1  |
|               |     |     | 25 |
|               |     |     |    |

Two of these cases occurred in the Workhouse.

## PHTHISIS.

### Deaths during 1908:

#### Occupations of Deceased Persons:

|            |     |     |    |
|------------|-----|-----|----|
| Domestic   | ... | ... | 11 |
| Jeweller   | ... | ... | 1  |
| Labourer   | ... | ... | 1  |
| Spinner    | ... | ..  | 1  |
| Stoker     | ... | ... | 1  |
| Picker     | ... | ... | 1  |
| Weaver     | ... | ... | 1  |
| Gardener   | ... | ... | 1  |
| Fishmonger | ... | ... | 1  |
|            |     |     | 19 |
|            |     |     |    |

Two of these cases occurred in the Workhouse.

### Nine Years' Mortality from Cancer.

| DATE        | NUMBER. |     |     |
|-------------|---------|-----|-----|
| 1900        | ...     | ... | 25  |
| 1901        | ...     | ... | 22  |
| 1902        | ...     | ... | 27  |
| 1903        | ...     | ... | 23  |
| 1904        | ...     | ... | 26  |
| 1905        | ...     | ... | 24  |
| 1906        | ...     | ... | 30  |
| 1907        | ...     | ... | 17  |
| 1908        | ...     | ... | 25  |
| Total ...   | ...     | ... | 219 |
| Average ... | ...     | ... | 24  |

### Ten Years' Mortality from Phthisis.

| DATE.       | NUMBER. |     |     |
|-------------|---------|-----|-----|
| 1899        | ...     | ... | 29  |
| 1900        | ...     | ... | 31  |
| 1901        | ...     | ... | 26  |
| 1902        | ...     | ... | 27  |
| 1903        | ...     | ... | 27  |
| 1904        | ...     | ... | 20  |
| 1905        | ...     | ... | 21  |
| 1906        | ...     | ... | 19  |
| 1907        | ...     | ... | 21  |
| 1908        | ...     | ... | 19  |
| Total ...   | ...     | ... | 240 |
| Average ... | ...     | ... | 24  |

## INQUESTS HELD DURING 1908.

|    |                |                             |     |     |    |
|----|----------------|-----------------------------|-----|-----|----|
| 1. | NATURAL CAUSES | ...                         | ... | ... | 2  |
| 2. | ACCIDENTS      | ...Falling from Cart        | ... | ... | 2  |
|    |                | ...Burnt ...                | ... | ... | 6  |
|    |                | ...Scalds...                | ... | ... | 1  |
|    |                | ...Railway                  | ... | ... | 1  |
|    |                | ...Poison...                | ... | ... | 1  |
| 3. | SUICIDES       | ...Hanging                  | ... | ... | 2  |
|    |                | ...Poisoning                | ... | ... | 1  |
|    |                | ...Cutting Throat           | ... | ... | 1  |
| 4. | OTHERS         | ...Insufficient Nourishment | ... | ... | 1  |
|    |                | ...Misadventure             | ... | ... | 1  |
|    |                |                             |     |     | 19 |



# LOCAL GOVERNMENT BOARD RETURNS.

TABLE I.—VITAL STATISTICS DURING 1908 AND PREVIOUS YEARS.

| YEAR.                        | Population estimated to middle of each year. | BIRTHS. |        | DEATHS UNDER ONE YEAR OF AGE |                                  | DEATHS AT ALL AGES. |        | DEATHS IN PUBLIC INSTITUTIONS IN THE DISTRICT. | Deaths of Non-residents registered in Public Institutions in the District. | Deaths of Residents registered in Public Institutions beyond the District. | NETT DEATHS AT ALL AGES BELONGING TO THE DISTRICT. |        |
|------------------------------|--|---------|--------|------------------------------|----------------------------------|---------------------|--------|--|--|--|--|--------|
|                              |  | Number. | Rate.* | Number                       | Rate per 1000 Births registered. | Number              | Rate.* |  |  |  | Number   | Rate.* |
| 1                            | 2  | 3       | 4      | 5                            | 6                                | 7                   | 8      | 9  | 10   | 11   | 12   | 13     |
| 1898                         | 25000  | 568     | 22.72  | 89                           | 156.69                           | 394                 | 15.76  | 90   | 24   | 0  | 370  | 14.80  |
| 1899                         | 25000  | 571     | 22.84  | 87                           | 152.36                           | 436                 | 17.44  | 97   | 37   | 2  | 401  | 16.04  |
| 1900                         | 25000  | 600     | 24.00  | 103                          | 171.66                           | 542                 | 21.68  | 133  | 43   | 0  | 499  | 19.96  |
| 1901                         | 24681  | 622     | 25.20  | 128                          | 205.78                           | 496                 | 20.08  | 105  | 40   | 1  | 457  | 18.51  |
| 1902                         | 24700  | 622     | 25.18  | 88                           | 141.47                           | 433                 | 17.53  | 115  | 44   | 7  | 396  | 16.03  |
| 1903                         | 24700  | 637     | 25.78  | 70                           | 100.98                           | 414                 | 16.76  | 129  | 54   | 19   | 379  | 15.34  |
| 1904                         | 24700  | 627     | 25.38  | 95                           | 151.51                           | 469                 | 18.98  | 135  | 39   | 6  | 436  | 17.65  |
| 1905                         | 24700  | 590     | 23.88  | 86                           | 145.76                           | 395                 | 15.99  | 102  | 35   | 0  | 360  | 14.57  |
| 1906                         | 24700  | 615     | 24.85  | 84                           | 135.58                           | 374                 | 15.14  | 101  | 35   | 0  | 339  | 13.72  |
| 1907                         | 24700  | 550     | 22.26  | 77                           | 140.00                           | 366                 | 14.81  | 101  | 30   | 0  | 336  | 13.60  |
| Averages for years 1898-1907 |  | 600     | 24.29  | 90                           | 150.18                           | 431                 | 17.42  | 110  | 38   | 3  | 400  | 16.02  |
| 1908                         | 24700  | 522     | 21.13  | 63                           | 120.68                           | 409                 | 16.55  | 140  | 45   |  | 364  | 14.73  |

Total Population at all Ages, 24,681 at Census of 1901.

\*Rates in Columns 4, 8 and 13, calculated per 1000 of estimated population.



LOCAL GOVERNMENT BOARD RETURNS.

TABLE III.

**CASES OF INFECTIOUS DISEASES  
NOTIFIED DURING THE YEAR 1908.**

| NOTIFIABLE DISEASES.  | CASES NOTIFIED IN WHOLE DISTRICT. |                |         |             |              |              |                  |    |
|-----------------------|-----------------------------------|----------------|---------|-------------|--------------|--------------|------------------|----|
|                       | At all<br>Ages.                   | At Ages—Years. |         |             |              |              |                  |    |
|                       |                                   | Under<br>1.    | 1 to 5. | 5 to<br>15. | 15 to<br>25. | 25 to<br>65. | 65 and<br>up'wds |    |
| Small-pox .. ..       | ..                                | ..             | ..      | ..          | ..           | ..           | ..               | .. |
| Cholera .. ..         | ..                                | ..             | ..      | ..          | ..           | ..           | ..               | .. |
| Diphtheria .. ..      | 11                                | ..             | 4       | 5           | 2            | ..           | ..               | .. |
| Membranous Croup ..   | 1                                 | ..             | ..      | 1           | ..           | ..           | ..               | .. |
| Erysipelsa .. ..      | 20                                | ..             | 1       | ..          | 2            | 15           | 2                | .. |
| Scarlet Fever .. ..   | 27                                | 3              | 10      | 11          | 2            | 1            | ..               | .. |
| Typhus Fever .. ..    | ..                                | ..             | ..      | ..          | ..           | ..           | ..               | .. |
| Enteric Fever .. ..   | 1                                 | ..             | ..      | ..          | ..           | 1            | ..               | .. |
| Relapsing Fever .. .. | ..                                | ..             | ..      | ..          | ..           | ..           | ..               | .. |
| Continued Fever .. .. | ..                                | ..             | ..      | ..          | ..           | ..           | ..               | .. |
| Puerperal Fever .. .. | ..                                | ..             | ..      | ..          | ..           | ..           | ..               | .. |
| Plague .. ..          | ..                                | ..             | ..      | ..          | ..           | ..           | ..               | .. |
| Totals .. ..          | 60                                | 3              | 15      | 17          | 6            | 17           | 2                | .. |

# LOCAL GOVERNMENT BOARD RETURNS.

TABLE IV.—CAUSES OF, AND AGES AT, DEATH DURING YEAR 1908.

| CAUSES OF DEATH                         |     | DEATHS AT THE SUBJOINED AGES OF "RESIDENTS," WHETHER OCCURRING IN OR BEYOND THE DISTRICT. |          |                |                 |                  |                  |                 | DEATHS AT ALL AGES OF "RESIDENTS" BELONGING TO LOCALITIES, WHETHER OCCURRING IN OR BEYOND THE DISTRICT. |            |    |     | Total Deaths, whether of "Residents" or "Non-Residents" in Public Institutions in the District. |
|---|-----|---|----------|----------------|-----------------|------------------|------------------|-----------------|---|------------|----|-----|---|
|   |     | All Ages.   | Under 1. | 1 and under 5. | 5 and under 15. | 15 and under 25. | 25 and under 65. | 65 and upwards. | Work-house.   | Infirmary. | 11 | 12  |   |
| 1                                       | 2   | 3   | 4        | 5              | 6               | 7                | 8                | 9               | 10  | 11         | 12 | 13  |   |
| Whooping Cough ..                       | 3   | 3   | ..       | ..             | ..              | ..               | ..               | ..              | ..  | ..         | .. | ..  |   |
| Diphtheria (in. Membranous croup) ..    | 2   | ..  | 1        | 1              | ..              | ..               | ..               | ..              | 1   | ..         | .. | 2   |   |
| Enteric Fever ..                        | 1   | ..  | ..       | ..             | ..              | 1                | ..               | ..              | ..  | ..         | .. | ..  |   |
| Epidemic Influenza ..                   | 4   | ..  | ..       | ..             | ..              | 1                | 3                | 3               | ..  | ..         | .. | 3   |   |
| Diarrhoea ..                            | 3   | 2   | 1        | ..             | ..              | ..               | ..               | ..              | ..  | ..         | .. | ..  |   |
| Enteritis ..                            | 12  | 8   | 2        | ..             | ..              | 1                | 1                | ..              | ..  | ..         | .. | ..  |   |
| Puerperal Fever ..                      | 4   | ..  | ..       | 1              | ..              | 3                | ..               | ..              | ..  | ..         | .. | ..  |   |
| Erysipelas ..                           | 1   | 1   | ..       | ..             | ..              | ..               | ..               | ..              | ..  | ..         | .. | ..  |   |
| Phthisis (Pulmonary Tuberculosis) ..    | 19  | 1   | 1        | ..             | 4               | 13               | ..               | 2               | ..  | ..         | .. | 4   |   |
| Other Tuberculous Diseases ..           | 10  | 3   | 3        | 1              | ..              | 2                | 1                | 3               | 2   | ..         | .. | 5   |   |
| Cancer, Malignant disease ..            | 25  | ..  | 1        | ..             | ..              | 13               | 10               | 2               | ..  | ..         | .. | 6   |   |
| Bronchitis ..                           | 46  | 12  | 3        | ..             | 1               | 12               | 18               | 5               | 2   | ..         | .. | 9   |   |
| Pneumonia ..                            | 18  | 2   | 2        | 1              | ..              | 8                | 5                | 1               | ..  | ..         | .. | 2   |   |
| Pleurisy ..                             | 2   | ..  | 1        | ..             | ..              | 1                | ..               | ..              | ..  | ..         | .. | ..  |   |
| Other Diseases of Respiratory Organs .. | 1   | ..  | ..       | ..             | ..              | 1                | ..               | ..              | ..  | ..         | .. | ..  |   |
| Alcoholism (Cirrhosis of Liver) ..      | 4   | ..  | ..       | ..             | ..              | 4                | ..               | 1               | 1   | ..         | .. | 3   |   |
| Premature Birth ..                      | 9   | 9   | ..       | ..             | ..              | ..               | ..               | ..              | 1   | ..         | .. | 1   |   |
| Diseases & accidents of parturition ..  | 2   | ..  | ..       | ..             | ..              | 2                | ..               | ..              | ..  | ..         | .. | 1   |   |
| Heart Diseases ..                       | 37  | ..  | ..       | 1              | 4               | 16               | 16               | 3               | 3   | ..         | .. | 7   |   |
| Accidents ..                            | 4   | ..  | 3        | ..             | ..              | 1                | ..               | ..              | 2   | ..         | .. | 9   |   |
| Suicides ..                             | 4   | ..  | ..       | ..             | ..              | 3                | 1                | ..              | ..  | ..         | .. | ..  |   |
| All other causes ..                     | 153 | 22  | 3        | 6              | 4               | 50               | 68               | 39              | 24  | ..         | .. | 88  |   |
| All causes ..                           | 364 | 63  | 21       | 12             | 13              | 132              | 123              | 59              | 36  | ..         | .. | 140 |   |

LOCAL GOVERNMENT BOARD RETURNS.

TABLE V.—INFANTILE MORTALITY DURING THE YEAR, 1908.

Deaths from stated causes in Weeks and Months under One Year of Age.

| CAUSE OF DEATH.                                |                  | Under 1 Week. | 1-2 Weeks. | 2-3 Weeks. | 3-4 Weeks. | Total under 1 Month. | 1-2 Months. | 2-3 Months. | 3-4 Months. | 4-5 Months. | 5-6 Months. | 6-7 Months. | 7-8 Months. | 8-9 Months. | 9-10 Months. | 10-11 Months. | 11-12 Months. | Total Deaths under One Year |
|--|------------------|---------------|------------|------------|------------|----------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|---------------|---------------|-----------------------------|
| All Causes.                                    | { Certified ..   | 14            | 1          | 4          | 1          | 20                   | 9           | 10          | 7           | 3           | 4           | 3           | 2           | 2           | 3            | ..            | ..            | 63                          |
|  | { Uncertified .. | ..            | ..         | ..         | ..         | ..                   | ..          | ..          | ..          | ..          | ..          | ..          | ..          | ..          | ..           | ..            | ..            | ..                          |
| <i>Common Infectious Diseases :</i>            |                  |               |            |            |            |                      |             |             |             |             |             |             |             |             |              |               |               |                             |
| Whooping Cough ..                              | ..               | ..            | ..         | ..         | 1          | 1                    | ..          | ..          | ..          | ..          | ..          | ..          | ..          | ..          | 1            | ..            | ..            | 2                           |
| <i>Diarrhœal Diseases :</i>                    |                  |               |            |            |            |                      |             |             |             |             |             |             |             |             |              |               |               |                             |
| Diarrhœa, all forms ..                         | ..               | ..            | ..         | 1          | ..         | 1                    | 1           | ..          | 2           | 2           | 1           | 1           | ..          | ..          | ..           | ..            | ..            | 2                           |
| Enteritis, Muco-enteritis, Gastro-enteritis .. | ..               | ..            | ..         | ..         | ..         | ..                   | ..          | 2           | ..          | ..          | ..          | 1           | 1           | ..          | ..           | ..            | ..            | 8                           |
| Gastritis, Gastro-intestinal Catarrh ..        | ..               | ..            | ..         | 1          | ..         | 1                    | 2           | ..          | ..          | ..          | ..          | 1           | 1           | ..          | ..           | ..            | ..            | 5                           |
| <i>Wasting Diseases :</i>                      |                  |               |            |            |            |                      |             |             |             |             |             |             |             |             |              |               |               |                             |
| Premature Birth ...                            | ..               | 9             | ..         | ..         | ..         | 9                    | ..          | ..          | ..          | ..          | ..          | ..          | ..          | ..          | ..           | ..            | ..            | 9                           |
| Want of Breast-milk Starvation ..              | ..               | ..            | ..         | ..         | ..         | ..                   | ..          | 1           | ..          | ..          | ..          | ..          | ..          | ..          | ..           | ..            | ..            | ..                          |
| Atrophy, Debility, Marasmus ..                 | ..               | 3             | ..         | ..         | ..         | 3                    | 4           | ..          | 1           | 1           | 1           | 1           | ..          | 1           | ..           | ..            | ..            | 12                          |
| <i>Tuberculous Diseases :</i>                  |                  |               |            |            |            |                      |             |             |             |             |             |             |             |             |              |               |               |                             |
| Tuberculous Meningitis ..                      | ...              | ..            | ..         | ..         | ..         | ..                   | ..          | 1           | ..          | ..          | ..          | ..          | ..          | ..          | ..           | ..            | ..            | 1                           |
| Tuberculous Peritonitis : Tabes Mesenterica .. | ..               | ..            | ..         | ..         | ..         | ..                   | ..          | ..          | 1           | ..          | ..          | ..          | ..          | ..          | 1            | ..            | ..            | 2                           |
| <i>Other Causes :</i>                          |                  |               |            |            |            |                      |             |             |             |             |             |             |             |             |              |               |               |                             |
| Erysipelas ..                                  | ..               | ..            | ..         | ..         | ..         | ..                   | 1           | ..          | ..          | ..          | ..          | ..          | ..          | ..          | ..           | ..            | ..            | 1                           |
| Syphilis ..                                    | ..               | ..            | ..         | ..         | ..         | ..                   | 1           | ..          | ..          | ..          | ..          | ..          | ..          | ..          | ..           | ..            | ..            | 1                           |
| Rickets ..                                     | ..               | ..            | ..         | ..         | ..         | ..                   | ..          | ..          | ..          | ..          | ..          | ..          | ..          | ..          | 1            | ..            | ..            | 1                           |
| Meningitis ( <i>not Tuberculous</i> ) ..       | ..               | ..            | ..         | ..         | ..         | ..                   | ..          | ..          | 1           | ..          | ..          | ..          | ..          | ..          | ..           | ..            | ..            | 1                           |
| Convulsions ..                                 | ..               | ..            | 1          | 1          | ..         | 2                    | ..          | 1           | ..          | ..          | 1           | ..          | ..          | ..          | ..           | ..            | ..            | 4                           |
| Bronchitis ..                                  | ..               | 1             | ..         | ..         | ..         | 1                    | ..          | 5           | 2           | ..          | 1           | ..          | 1           | 1           | ..           | ..            | ..            | 12                          |
| Other Causes ..                                | ..               | 1             | ..         | 1          | ..         | 2                    | ..          | ..          | ..          | ..          | ..          | ..          | ..          | ..          | ..           | ..            | ..            | 2                           |
| TOTAL  |                  | 14            | 1          | 4          | 1          | 20                   | 9           | 10          | 7           | 3           | 4           | 3           | 2           | 2           | 3            | ..            | ..            | 63                          |

# MONTHLY RETURN OF BIRTHS AND DEATHS

*For the Borough of Kidderminster, as presented to the Health*

*Committee at each Meeting held every fourth Monday.*

| BIRTHS.       |       |          |        |                                  | DEATHS.      |       |         |       |                                  |
|---------------|-------|----------|--------|----------------------------------|--------------|-------|---------|-------|----------------------------------|
| Month ending. | Males | Females. | Total. | Rate per 1000 of the population. | Month ending | Males | Females | Total | Rate per 1000 of the population. |
| 1908.         |       |          |        |                                  | 1908         |       |         |       |                                  |
| Jan. 6        | 29    | 24       | 53     | 27·89                            | Jan. 6       | 18    | 16      | 34    | 17·89                            |
| Feb. 3        | 24    | 23       | 47     | 20·68                            | Feb. 3       | 18    | 16      | 34    | 17·89                            |
| Mar. 2        | 26    | 18       | 44     | 23·15                            | Mar. 2       | 18    | 20      | 38    | 20·00                            |
| Mar.30        | 24    | 19       | 43     | 22·63                            | Mar.30       | 17    | 23      | 40    | 21·05                            |
| Apr. 27       | 21    | 21       | 42     | 22·10                            | Apr. 27      | 20    | 28      | 48    | 25·26                            |
| May 25        | 25    | 17       | 42     | 22·10                            | May 25       | 13    | 22      | 35    | 18·42                            |
| June 22       | 22    | 23       | 45     | 23·72                            | June 22      | 16    | 16      | 32    | 16·84                            |
| July 20       | 19    | 22       | 41     | 21·57                            | July 20      | 16    | 16      | 32    | 16·84                            |
| Aug. 17       | 16    | 31       | 47     | 20·68                            | Aug. 17      | 11    | 7       | 18    | 9·47                             |
| Sep. 14       | 12    | 20       | 32     | 16·84                            | Sep. 14      | 10    | 10      | 20    | 10·52                            |
| Oct. 12       | 21    | 9        | 30     | 15·78                            | Oct. 12      | 13    | 11      | 24    | 12·63                            |
| Nov. 10       | 23    | 19       | 42     | 22·10                            | Nov. 10      | 14    | 14      | 28    | 14·73                            |
| Dec. 7        | 14    | 19       | 33     | 17·36                            | Dec. 7       | 17    | 12      | 29    | 15·26                            |
| Totals        | 276   | 265      | 541    | 21·90                            | Totals       | 201   | 211     | 412   | 16·68                            |



# BOROUGH HOSPITAL.

Showing Monthly Admissions of Scarlet Fever Cases, from the following locations during the Year 1908.

|   | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Totals |
|---|------|------|------|-------|-----|------|------|------|-------|------|------|------|--------|
| Borough Cases   | 1    | ...  | ...  | ...   | 5   | 1    | 3    | ...  | 2     | 5    | 5    | 1    | 23     |
| Workhouse Cases   | ...  | ...  | ...  | ...   | ... | ..   | ...  | ...  | ...   | ...  | ...  | ...  | ...    |
| Infirmary Cases   | ...  | ...  | ...  | ...   | 1   | ...  | ...  | ...  | ...   | ...  | ...  | ...  | 1      |
| Rural District Council Cases                                      | ...  | ...  | 1    | ..    | ... | ..   | 1    | ...  | ...   | ...  | 1    | 1    | 4      |
| Stourport Urban District Council Cases                            | ...  | ...  | ...  | ...   | ... | ...  | ...  | 1    | ...   | ...  | ...  | ...  | 1      |
| Bewdley Urban District Council Cases                              | ...  | ...  | ...  | ...   | ... | ...  | 1    | 1    | 1     | ...  | ..   | 1    | 4      |
| Stourbridge and Hales-<br>owen Urban District<br>Council Councils | ...  | ...  | ...  | ...   | ..  | 5    | 2    | 15   | 15    | 6    | ..   | ...  | 43     |
| Monthly Totals  | 1    | ...  | 1    | ...   | 6   | 6    | 7    | 17   | 18    | 11   | 6    | 3    | 76     |

## MONTHLY NOTIFICATIONS.

## INFECTIOUS DISEASES.

| 1908.               | Jan.  | Feb.  | March | April | May   | June  | July  | Aug.  | Sept. | Oct.  | Nov.  | Dec.  | Total<br>1908. | Total<br>1907. | Total<br>1906. | Total<br>1905. | Total<br>1904. | Total<br>1903. | Total<br>1902. | Total<br>1901. | Total<br>1900. |
|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Small Pox           | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | .....          | .....          | .....          | .....          | 2              | 5              | .....          | .....          | .....          |
| Cholera             | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | .....          | .....          | .....          | .....          | .....          | .....          | .....          | .....          | .....          |
| Diphtheria          | ..... | ..... | 1     | 2     | 1     | 1     | 2     | 1     | ..... | 1     | 1     | 1     | 11             | 8              | 8              | 10             | 22             | 45             | 30             | 43             | 75             |
| Membranous<br>Croup | ..... | ..... | ..... | ..... | ..... | ..... | 1     | ..... | ..... | ..... | ..... | ..... | 1              | .....          | 1              | .....          | .....          | .....          | .....          | 2              | 4              |
| Erysipelas          | 2     | 1     | 1     | 3     | 1     | ..... | ..... | 2     | 4     | 2     | 1     | 3     | 20             | 31             | 20             | 47             | 30             | 30             | 30             | 46             | 53             |
| Scarlet Fever       | 1     | 1     | ..... | ..... | 7     | ..... | 3     | 1     | 2     | 6     | 5     | 1     | 27             | 15             | 27             | 69             | 299            | 590            | 189            | 59             | 40             |
| Typhus Fever        | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | .....          | .....          | .....          | .....          | .....          | .....          | .....          | .....          | .....          |
| Typhoid Fever       | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 1     | ..... | ..... | ..... | 1              | 5              | .....          | 2              | 1              | 3              | 10             | 8              | 20             |
| Puerperal Fever     | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | .....          | .....          | 1              | 1              | .....          | 2              | .....          | .....          | 2              |
| TOTALS              | 3     | 2     | 2     | 5     | 9     | 1     | 6     | 4     | 7     | 9     | 7     | 5     | 60             | 59             | 57             | 129            | 354            | 675            | 259            | 158            | 194            |

# Street List of Deaths from all Causes.

2

| Locality.         | No. of Deaths. | Locality.               | No. of Deaths. |
|-------------------|----------------|-------------------------|----------------|
| Albert Road       | ... 1          | Long Acre               | ... 1          |
| Anchor Fields     | ... 1          | Lorne Street            | ... 7          |
| Arch Hill         | ... 1          | Mason Road              | ... 2          |
| Back Queen Street | ... 3          | Marlborough Street      | ... 1          |
| Baxter Avenue     | ... 2          | Mill Street             | ... 2          |
| Brussels Street   | ... 1          | Mill Lane               | ... 1          |
| Bennett Street    | ... 2          | Mount Pleasant          | ... 1          |
| Bewdley Road      | ... 4          | New Road                | ... 1          |
| Blackwell Street  | ... 6          | Offmore Road            | ... 6          |
| Blakebrook        | ... 2          | Orchard Street          | ... 1          |
| Boulter's Lane    | ... 3          | Oxford Street           | ... 1          |
| Broad Street      | ... 10         | Paradise Row            | ... 1          |
| Bromsgrove Street | ... 4          | Paternoster Row         | ... 1          |
| Birmingham Road   | ... 1          | Park Butts              | ... 1          |
| Chapel Street     | ... 1          | Park Street             | ... 10         |
| Cherry Orchard    | ... 1          | Park Lane               | ... 9          |
| Chester Road      | ... 1          | Peel Street             | ... 2          |
| Clarence Street   | ... 1          | Pleasant Street         | ... 2          |
| Clensmore Street  | ... 6          | Pleasant Harbour        | ... 3          |
| Cobden Street     | ... 4          | Plimsoll Street         | ... 1          |
| Coventry Street   | ... 2          | Prospect Hill           | ... 1          |
| Comberton Road    | ... 4          | Prospect Lane           | ... 2          |
| Crescent Road     | ... 2          | Proud Cross             | ... 1          |
| Cross Street      | ... 4          | Queen Street            | ... 4          |
| Church Walk       | ... 3          | Radford Avenue          | ... 3          |
| Church Fields     | ... 4          | Rackfields              | ... 1          |
| Coalfield Row     | ... 2          | Roden Avenue            | ... 1          |
| Church Street     | ... 1          | Rock Terrace            | ... 1          |
| Dudley Street     | ... 2          | Silver Street           | ... 1          |
| East Street       | ... 5          | St. George's Terrace    | ... 4          |
| Edward Street     | ... 3          | St. John's Street       | ... 3          |
| Farfield Street   | ... 6          | St. Mary's Street       | ... 1          |
| Findon Street     | ... 6          | Stourbridge Road        | ... 5          |
| Franchise Street  | ... 2          | South Street            | ... 2          |
| Foxholes          | ... 1          | Sutton Road             | ... 4          |
| George Street     | ... 6          | Talbot Street           | ... 3          |
| Hall Street       | ... 3          | Waterloo Street         | ... 3          |
| Hill Street       | ... 2          | Wood Street             | ... 10         |
| Hoo Road          | ... 2          | Woodfield Street        | ... 5          |
| Hurcott Road      | ... 7          | Woodfield Crescent      | ... 1          |
| Habberley Street  | ... 2          | Worcester Street        | ... 6          |
| Holman Street     | ... 1          | York Street             | ... 2          |
| High Street       | ... 1          | Workhouse               | ... 61         |
| Jerusalem Walk    | ... 2          | Infirmary               | ... 33         |
| Lark Hill         | ... 4          |                         |                |
| Lea Street        | ... 5          | Workhouse { Non-        | 19             |
| Leswell Street    | ... 4          | Infirmary { Residents } | 25             |
| Leswell Lane      | ... 7          |                         |                |
| Lion Square       | ... 2          |                         | 409            |
| Lion Street       | ... 2          |                         |                |





SANITARY INSPECTOR'S  
**ANNUAL REPORT**  
 FOR THE YEAR 1908.

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GENTLEMEN,

I have much pleasure in submitting my Twenty-fourth Annual Report on the work done in my Department for the Year ending December 31st, 1908.

**Dairies, Cowsheds, and Milkshops.**

|  |    |
|--|----|
| Purveyors not residing within the Borough ...            | 27 |
| Purveyors residing within the Borough ...                | 55 |
| Notices served to secure compliance with Regulations ... | 6  |

The Milkshops, Cowsheds, and Utensils are regularly inspected as to cleanliness, etc. The number of Cowsheds in the Borough is 14.

**Household Ashes and Refuse Collection.**

|                                  |        |
|----------------------------------|--------|
| Portable Receptables emptied ... | 94,120 |
| Dry Ashpits emptied ...          | 3,051  |
| Loads of Dry Refuse removed ...  | 5,532  |

**Night Work.**

|  |     |
|--|-----|
| Privies and Middens emptied ...          | 286 |
| Loads of Nightsoil and Ashes removed ... | 958 |

### Refuse: How Disposed of.

|   |     |      |        |
|---|-----|------|--------|
| Carted to Canal Boat for Oldington Farm         | ... | 4047 | loads. |
| Carted to Riddling Shed                         | ... | 238  | „      |
| Carted to Franchise Street                      | ... | 778  | „      |
| Sundry Tippings                                 | ... | 480  | „      |
| Loads of Sewer Screenings tipped at Canal Basin |     | 40   | „      |
| Total   | ... | 5583 |        |
| No. of Boat Loads of Refuse taken to Oldington  |     | 203  | „      |

### Report of the Inspector of Canal Boats.

|                               |     |     |     |
|-------------------------------|-----|-----|-----|
| Number of Boats inspected     | ... | ... | 230 |
| Number on Register            | ... | ... | 101 |
| Number registered during 1908 | ... | ... | 3   |

### Nature of Infringements:

|  |     |     |   |
|--|-----|-----|---|
| Notification of change of master             | ... | ... | 0 |
| Absence of certificate                       | ... | ... | 0 |
| Certificates not identifying owner with boat | ... | ... | 0 |
| Lettering and numbering                      | ... | ... | 3 |
| Partition separating the sexes               | ... | ... | 0 |
| Females over 12 improperly occupying...      | ... | ... | 0 |
| Cleanliness                                  | ... | ... | 0 |
| Painting                                     | ... | ... | 1 |
| Ventilation                                  | ... | ... | 0 |
| Dilapidation                                 | ... | ... | 1 |
| Removal of Bilge Water                       | ... | ... | 0 |
| Without pump                                 | ... | ... | 0 |
| Refusal of admittance to Inspector           | ... | ... | 0 |
| No proper water vessel                       | ... | ... | 0 |
| Without requisite double bulkheads           | ... | ... | 0 |
| Notification of Infectious Diseases          | ... | ... | 0 |
| Certificates required renewing               | ... | ... | 2 |

On the whole the Cabins are kept clean, very few women and children are met with on boats passing through the Borough. They are chiefly men who work the boats in this district.

In 9 instances the boats were worked by a man and his wife (only).

In 26 instances the boats had on board a man, his wife and one or more children, and 195 boats were worked by men (only).

A willingness is always shown by the canal boat people to comply with the Law and Local Government Board regulations.

## THE SALE OF FOOD AND DRUGS ACTS, 1875 and 1891

Samples taken during the year 1908, and results.

| Informal<br>Samples | Formal<br>Samples | ARTICLE                        | Genuine | Adulter-<br>ated. | Extent of<br>Adulteration<br>(if any). | Result                              |
|---------------------|-------------------|--------------------------------|---------|-------------------|--|-------------------------------------|
| 1                   | 22                | Milk                           | 22      | 1                 | 12 per cent defic-<br>ient in fat.     | Cautioned<br>by Health<br>Committee |
| 9                   | 3                 | Butter                         | 12      | ...               |  |                                     |
| 2                   | ...               | Orange Quinine<br>Wine ...     | 2       | ...               |  |                                     |
| 1                   | ...               | Golden Syrup ...               | 1       | ..                |  |                                     |
| 2                   | ...               | Yeast ...                      | 2       | ...               |  |                                     |
| 1                   | ...               | Gentian Root ...               | 1       | ...               |  |                                     |
| 1                   | ...               | Compound Liq-<br>uorice Powder | 1       | ...               |  |                                     |
| 1                   | ...               | Glycerine ...                  | 1       | ...               |  |                                     |
| 1                   | ...               | Citrate of<br>Magnesia ...     | 1       | ..                |  |                                     |
| ...                 | 3                 | Whiskey ...                    | 3       | ...               |  |                                     |
| ...                 | 1                 | Margarine ...                  | 1       | ...               |  |                                     |
| 19                  | 29                | Total ...                      | 47      | 1                 |  |                                     |

### Informal Samples of Spirits tested by Sikes' Hydrometer.

Thirteen samples have been procured and tested. Nine were below the legal limit, two were diluted very slightly beyond the statutory limit, two were diluted much beyond the statutory limit. In the latter cases formal samples were obtained and submitted to the Public Analyst, who certified one to be 18°5 U.P., and the other 16°6 U.P. Whenever we obtain a test sample of

spirits which is diluted much beyond the statutory limit, we never get supplied with the formal sample from the same vessel or bottle. The larger quantity required for the Public Analyst seems to at once create suspicion; hence the strength of the formal sample is nearly always within the legal limit.

Taking one year with another, quite half the number of samples we take are test samples. In the past opinions have varied concerning the value of such sampling; hence the insertion of the following.

## EXTRACT FROM THE ANNUAL REPORT FOR 1907 OF THE INTELLIGENCE DIVISION.

### BOARD OF AGRICULTURE AND FISHERIES.

#### VALUE OF TEST SAMPLES.

“The advantages of the system of taking test samples are referred to in the Annual Report of the Intelligence Division for 1902, and also in each of the subsequent Reports.

“The figures relating to the test samples taken in Scotland justify the contention that informal test samples afford a better indication of the amount of adulteration than is given by formal samples.

“In 1907, 9·7 per cent. of the samples of all articles taken in Scotland with the formalities required by the Sale of Food and Drugs Act were found adulterated, whereas the percentage of adulteration among the informal samples was 15·3. Of the milk samples taken formally, 10 per cent. were found adulterated, against 21 per cent. adulterated of those taken informally. Of the test samples of butter, 16 per cent. were found adulterated, and only 8 per cent. of the formal samples of butter.”

### Unsound Food.

The following food has been condemned and destroyed:—

|                |     |     |          |
|----------------|-----|-----|----------|
| Beef           | ... | ... | 36½lbs.  |
| Pork           | ... | ... | 549½lbs. |
| Veal           | ... | ... | 16¾lbs.  |
| Mutton         | ... | ... | 4 lbs.   |
| Rabbits (nine) | ... | ... | 20 lbs.  |
| Fish           | ... | ... | 916 lbs. |
| Fruit          | ... | ... | 172 lbs. |
| Vegetables     | ... | ... | 23 lbs.  |

---

1737¾lbs.

---



## Seats for Shops Assistants Act, 1899.

Many visits have been made, and two infringements have been discovered this year, which have been remedied.

## Disinfection.

|                              |     |      |
|------------------------------|-----|------|
| Gallons of Fluid given away  | ... | 176  |
| Packets of Powder given away | ... | 1083 |
| Dwelling-houses disinfected  | ... | 32   |

## Cabstands.

The Cabstands are constantly flushed with the hose pipe, and disinfected. During the summer they receive attention twice daily.

## Court Sweeping.

This work has had constant attention during the year. The sweeper, when on his rounds, has opened with his plunger 77 drains and 331 water closets, which he found blocked.

## Drain Testing.

| Year. | Drains tested by<br>Smoke or<br>Chemicals. | Found<br>Defective. | Drains Repaired<br>made sound or<br>reconstructed |
|-------|--|---------------------|---|
| 1901  | 56   | 14                  | 207   |
| 1902  | 104  | 41                  | 79  |
| 1903  | 88   | 17                  | 140   |
| 1904  | 164  | 84                  | 165   |
| 1905  | 77   | 57                  | 112   |
| 1906  | 80   | 53                  | 70  |
| 1907  | 79   | 54                  | 90  |
| 1908  | 51   | 46                  | 86  |

## Common Lodging Houses.

Number under inspection, 7.

During the year four large old houses in Queen Street have been converted into two very good Common Lodging Houses. One is used for single men, and the other for married couples. They are now registered for twenty single men, and eleven married couples. The Chairman of the Health Committee and also the Medical Officer of Health, have inspected the alterations and approved of same.

31-32, BLACKWELL STREET.—This old-established Common Lodging House has during the year had many repairs done to it, also all the straw mattresses have been destroyed and wire ones substituted. A quantity of new bedding and bedclothes have been provided. Through lax management of this house, the Health Committee had the keeper before them, when he promised to look after the house better in future, which promise has so far been kept.

## Notices to School Teachers and others.

102 prohibition notices have been served on parents and school teachers, to keep children from attending school from houses where infectious diseases have occurred.

## Stray Dogs.

Thirty-five carcasses of dogs have been handed over to us by the Police for destruction.

## Disinfection.

Disinfection has been carried out in all cases of Infectious Disease, and the infected houses cleansed.

## Refuse Sorting.

OLD SCRAP—Tins, etc.

We have received £5 18s. 6d. for Old Scrap (metal tins, etc.), £5 1s. 10d. outstanding.

## Riddling Refuse.

| RECEIPTS.   |     |    |    | EXPENDITURE.  |     |    |    |
|---|-----|----|----|---------------|-----|----|----|
|   | £   | s. | d. |               | £   | s. | d. |
| To Sale of Embers ...   | 7   | 10 | 11 | By Wages Paid | 12  | 7  | 0  |
| „ 238 Tons of refuse saved from boatage to Oldington at 9d. per ton ... | 8   | 18 | 6  | „ Balance ... | 4   | 2  | 5  |
|   | £16 | 9  | 5  |               | £16 | 9  | 5  |

## The Thresh Steam Disinfector.

350 Articles of Clothing have been disinfected.

## Smoke Nuisances.

Many observations have been taken, visits have been made to stokers and engineers, letters have been written and threats made, with the result that noticeable improvement has been made.

**The Law.**—Section 91 of the Public Health Act 1875 enacts: “Any chimney (not being the chimney of a private dwelling-house) sending forth black smoke in such a quantity as to be a nuisance” shall be deemed a nuisance liable to be dealt with summarily, in manner provided by this Act, and further, that all furnaces and fireplaces must be constructed in such a manner as to consume as far as practicable, the combustion used therein, having regard for the practice or process of manufacture.

The three chief points in the Law are:—(1) Practicability, (2) Black Smoke, (3) The quantity to be a nuisance.

**Practicability.**—If a manufacturer cannot prevent Black Smoke without interfering with his trade, then the Court has no jurisdiction in the matter.

**Black Smoke.**—The Act does not deal with any other kind of smoke but black; all other kinds of smoke, colours or densities, are under the Public Health Act not considered a Nuisance.

**Such Quantity as to be a Nuisance.**—Black Smoke may be emitted in small quantities, and not be a nuisance. The Act does not say what quantities, but leaves it to the Court to decide on the evidence produced.

The amount of Black Smoke allowed varies in different towns. An instance: one boiler, two minutes per hour; two boilers, three minutes per hour; three boilers, four minutes per hour.

## Location of Slaughterhouses.

| REGISTERED SLAUGHTERHOUSES.  | LICENSED SLAUGHTERHOUSES<br>UNDER THE PUBLIC HEALTH ACT<br>AMENDMENT ACT, 1890.   |
|--|---|
| 98, Blackwell Street,<br>59, Blackwell Street,<br>Park Street,<br>Rear of 20, Coventry Street,<br>Rear of Angel Inn, Worcester-st.<br>25, Horsefair.<br>George Street,<br>26. High Street,<br>5, Swan Street,<br>Park Lane,<br>74, Bewdley Road,<br>116, Blackwell Street, | Lion Square.<br>Rear of 13, Stourbridge Road.<br>50, Sutton Road.<br>53, Offmore Road.<br>17, Mill Street.<br>Rear of Grapes Inn, Worcester-st.<br>Baxter Avenue.<br>Market Street (not in use)<br>Peel Street.<br>Peel Street.<br>Horsefair.<br>Horsefair. |

They are regularly and irregularly visited and the Bye-Laws enforced. Butchers afford every assistance for the inspection of carcases and entrails.

## Magisterial Proceedings.

| NATURE OF OFFENCE.  | RESULT.  |
|---|--|
| Depositing unsound Pork in the Wholesale Market             | Fined £8 os. od. and costs<br>Total, £10 os. 6d. |
| Exposing unsound Bananas for sale in the Retail Market      | Fined £2 os od. and costs<br>Total, £2 19s. 6d.  |
| Hawking unsound Veal for sale                               | Fined £1 os. od. and costs<br>Total, £4 14s. od. |
| Depositing unsound Rabbits for sale in the Wholesale Market | Fined 18s. and costs<br>Total £3 11s. 6d.        |

## Remarks.

The other details of the work of my department are tabulated on the accompanying tables.

I have to thank your Committee for the support they have given me in the work of my department.

I am, Mr. Chairman and Gentlemen,

Your obedient Servant,

JOHN T. COWDEROY,

*Sanitary Inspector.*

*To the Chairman, Vice-Chairman and  
Members of the Health Committee.*



## Sanitary Defects and Nuisances abated 1908

| NATURE OF NUISANCE.   | NUMBER.                 |
|---|-------------------------|
| Dirty Houses Cleansed and Whitewashed ..                            | 191                     |
| "    "    "    after Infectious Disease...                          | 4                       |
| W.C.'s, Premises require Limewashing ...                            | 169                     |
| Yard Drains and W.C.'s Choked and Cleared ...                       | 52                      |
| Closet Pans, Seats, and Water Fitting out of Repair ...             | 185                     |
| Defective and Leaky Drains and Imperfectly Trapped Drain Inlets ... | 86                      |
| Insanitary Sinks and Waste Pipes ...                                | 81                      |
| Insanitary Yards and Washhouse Paving ...                           | 52                      |
| Accumulations of Manure and other Refuse ...                        | 28                      |
| Defective Roofs of Houses, Floors and General Dilapidations ...     | 145                     |
| Dirty Workshops (Bakehouses) ...                                    | 12                      |
| Dirty Slaughterhouses ...   | 2                       |
| Dirty Cowsheds ...  | 1                       |
| Insanitary Privies and Middens ...                                  | 5 converted, 4 repaired |
| Dwelling Houses Overcrowded ...                                     | 10                      |
| No Ash Receptacles ...  | 28                      |
| Dilapidated Ashpits ...   | 20                      |
| Defective Rain-water Spouting ...                                   | 77                      |
| Dirty Houses and premises (tenant's neglect) ...                    | 51                      |
| Dilapidated W.C.s', W.H.s', and Urinals ...                         | 75                      |
| Poultry and Animals improperly kept ...                             | 23                      |
| Defective House Chimnies ...  | 8                       |
| Slaughterhouses without Plate ...                                   | 4                       |
| Insufficient W.C. accommodation ...                                 | 7                       |
| Smoke Nuisances ...   | 7                       |
| Miscellaneous ...   | 18                      |
| Total ...   | 1,345                   |

Notices served for their abatement :--

|                                       |     |
|---------------------------------------|-----|
| Preliminary ...                       | 431 |
| Statutory ...                         | 405 |
| Reminders ...                         | 86  |
| Total ...                             | 922 |
| Notices complied with ...             | 873 |
| Notices on Books December 31st, 1908. | 49  |
|                                       | 922 |

## Locality and Number of Privies and Middens in the Borough.

| LOCALITY.              |     |     | Number of<br>Privies. | Number of<br>Middens. |
|------------------------|-----|-----|-----------------------|-----------------------|
| Batham Street          | ... | ... | 2                     | 2                     |
| Baxter Avenue          | ... | ... | 2                     | 1                     |
| Back Queen Street      | ... | ... | 12                    | 10                    |
| Bewdley Road           | ... | ... | 1                     | 1                     |
| Blakebrook             | ... | ... | 2                     | 1                     |
| Broadwaters            | ... | ... | 6                     | 4                     |
| Chester Road           | ... | ... | 6                     | 4                     |
| Church Street          | ... | ... | 2                     | 2                     |
| Clensmore              | ... | ... | 4                     | 2                     |
| Constitution Hill      | ... | ... | 11                    | 10                    |
| Findon Street          | ... | ... | 3                     | 3                     |
| Foxholes               | ... | ... | 2                     | 2                     |
| Hoo Road ...           | ... | ... | 3                     | 2                     |
| Hume Street            | ... | ... | 1                     | 1                     |
| Hurcott Road           | ... | ... | 3                     | 3                     |
| Lark Hill              | ... | ... | 2                     | 2                     |
| Lorne Street           | ... | ... | 1                     | 1                     |
| Mill Street            | ... | ... | 4                     | 3                     |
| Mill Lane              | ... | ... | 2                     | 2                     |
| New Road (Basin)       | ... | ... | 1                     | 1                     |
| "    " (Caldwell Mill) | ... | ... | 1                     | 1                     |
| Orchard Street         | ... | ... | 1                     | 1                     |
| Park Lane              | ... | ... | 7                     | 6                     |
| Prospect Lane          | ... | ... | 2                     | 2                     |
| Rack Fields            | ... | ... | 11                    | 4                     |
| Sutton Road            | ... | ... | 5                     | 4                     |
| Stourbridge Road       | ... | ... | 28                    | 23                    |
| Talbot Street          | ... | ... | 1                     | 1                     |
| Turton Street          | ... | ... | 3                     | 3                     |
| Washington Street      | ... | ... | 4                     | 4                     |
| Wood Street            | ... | ... | 1                     | 1                     |
| Woodfield Street       | ... | ... | 1                     | 1                     |
| Totals                 |     |     | 135                   | 108                   |

## Bake-Houses.

The Bakehouses have been regularly visited. All insanitary conditions discovered have been notified and remedied. Lime-washing and cleanliness have been enforced.

### LIST OF BAKEHOUSES.

| ADDRESSES.                 | TRADE.                  |
|----------------------------|-------------------------|
| 39, Mill Street,           | Baker and Confectioner. |
| 5, Wood Street,            | Ditto.                  |
| 1 Court, Bridge Street,    | Ditto.                  |
| Rear of 24 Dudley Street,  | Baker.                  |
| 13, Stourbridge Road,      | Baker and Confectioner. |
| 92, Bewdley Road,          | Baker.                  |
| 45, Worcester Street,      | Baker and Confectioner. |
| 1, Radford Avenue,         | Baker.                  |
| 25, Pitt's Lane,           | Baker and Confectioner. |
| 60, Churchfields,          | Ditto.                  |
| 12, Cross Street,          | Baker.                  |
| 12, Horsefair,             | Ditto.                  |
| 26, Mill Street,           | Baker and Confectioner. |
| 39, St. John's Street,     | Baker.                  |
| Lion Hill,                 | Ditto.                  |
| 30, Park Street,           | Ditto.                  |
| 60, Bewdley Road,          | Baker and Confectioner. |
| 119, Mill Street,          | Ditto.                  |
| 8, Sutton Road,            | Baker.                  |
| 96, Sutton Road,           | Ditto.                  |
| 93, Wood Street,           | Ditto.                  |
| Worcester Street,          | Baker and Confectioner. |
| Blackwell Street,          | Baker.                  |
| Lion Street,               | Ditto.                  |
| 9, Comberton Road,         | Baker and Confectioner. |
| Comberton Hill,            | Ditto.                  |
| 3 Court, Worcester Street, | Ditto.                  |
| Offmore Road,              | Ditto.                  |
| Comberton Hill,            | Ditto.                  |
| 82, Lorne Street,          | Ditto.                  |
| Oxford Street,             | Baker.                  |
| 1, Horsefair,              | Baker and Confectioner. |
| 1, East Street,            | Baker.                  |
| 45, Mill Street,           | Baker and Confectioner. |
| Duke Place,                | Baker.                  |
| Hurcott Road,              | Ditto.                  |
| Back Queen Street,         | Ditto.                  |
| George Street,             | Ditto.                  |
| Hurcott Road,              | Ditto.                  |
| Chapel Street,             | Ditto.                  |
| 37, Lark Hill,             | Pikelet Maker.          |
| 41, York Street,           | Ditto.                  |
| 63, Lea Street,            | Baker.                  |
| 104, Lea Street,           | Ditto.                  |
| South Street,              | Ditto.                  |
| 11, Swan Street,           | Ditto.                  |

Urinals to Licensed Houses.

NUMBER OF URINALS

| Easily Accessible to Customers and the Public. | Accessible to Customers only. | Without Urinals   |
|--|-------------------------------|---|
| Railway Bell 1                                 | 102                           | The Peacock, Horsefair<br><br>In this case there is a public one adjoining. |
| Land Oak, Chester-rd. 1                        |                               |   |
| Half Moon ... 1                                |                               |   |
| Cape of Good Hope 1                            |                               |   |
| The Castle ... 1                               |                               |   |
| The Old Bear ... 1                             |                               |   |
| Bird in Hand ... 1                             |                               |   |
| The George & Dragon 1                          |                               |   |
| The Traveller's Rest 1                         |                               |   |
| Turk's Head Entry 1                            |                               |   |
| Totals ... 10                                  | Total 102                     |   |

Public Urinals.

Market,  
Horsefair,  
New Road,  
Park Butts,  
Mill Street  
George & Dragon Inn, Trinity Lane.



## RAINFALL.

FOR THE YEAR ENDING DECEMBER 31ST, 1908.

**Rain Gauge—Height on Top of Ground, One Foot.**

Location: The Brinton Park,

|           |     | Total<br>Depth. | Greatest Rainfall<br>in 24 hours. |        | No. of days on<br>which .01 or more<br>rain fell. |
|-----------|-----|-----------------|-----------------------------------|--------|---|
|           |     | Inches.         | Depth.                            | Date.  |   |
| 1908.     |     |                 |                                   |        |   |
| January   | ... | 0·61            | 0·26                              | 8      | 12  |
| February  | ... | 0·97            | 0·27                              | 16     | 15  |
| March     | ... | 2·61            | 0·77                              | 24     | 17  |
| April     | ... | 2·28            | 0·65                              | 28     | 12  |
| May       | ... | 1·91            | 0·60                              | 2      | 16  |
| June      | ... | 2·79            | 1·41                              | 3      | 11  |
| July      | ... | 1·88            | 0·57                              | 9      | 12  |
| August    | ... | 2·50            | 0·70                              | 31     | 14  |
| September | ... | 1·52            | 0·36                              | 20     | 19  |
| October   | ... | 1·56            | 0·72                              | 20     | 16  |
| November  | ... | 1·42            | 0·45                              | 12     | 10  |
| December  | ... | 1·79            | 0·34                              | 15     | 20  |
| Totals    | ... | 21·84           | 1·41                              | June 3 | 174   |

### TOTAL RAINFALL.

|      |     |       |      |     |       |
|------|-----|-------|------|-----|-------|
| 1899 | ... | 21·00 | 1904 | ... | 20·54 |
| 1900 | ... | 25·49 | 1905 | ... | 19·53 |
| 1901 | ... | 17·87 | 1906 | ... | 21·81 |
| 1902 | ... | 17·49 | 1907 | ... | 22·78 |
| 1903 | ... | 32·49 | 1908 | ... | 21·84 |

Average Rainfall for past 10 years ... 21·88

### RECORDS FROM OTHER LOCAL OBSERVERS.

*Extracted from British Rainfall 1907.*

|                              |     |            |
|------------------------------|-----|------------|
| Stourport (Lincombe Lock)    | ... | 25·08 ins. |
| Stourport (Arley Hall)       | ... | 27·79 ins. |
| Bewdley (Beaucastle)         | ... | 24·63 ins. |
| Bewdley (Winterdyne)         | ... | 23·78 ins. |
| Kidderminster (Brinton Park) | ... | 22·78 ins. |
| Kidderminster (Honeybrook)   | ... | 27·60 ins. |

# METEOROLOGICAL REPORT.

FOR THE YEAR ENDING DECEMBER 31st, 1908.

FROM OBSERVATIONS TAKEN AT 9 A.M. DAILY.

METEOROLOGICAL STATION, BRINTON PARK.

Height above Sea Level, 159 Feet.

| Month.       | Baro-<br>meter. | Temperature  |              |      | Humi-<br>dity.            | Wind.                                |
|--------------|-----------------|--------------|--------------|------|---------------------------|--------------------------------------|
| 1908         | Mean            | Mean<br>Max. | Mean<br>M n. | Mean | Average<br>Humi-<br>dity. | Prevailing<br>Direction<br>at 9 a.m. |
| January ...  | 30·20           | 42·6         | 28·6         | 34·6 | 89                        | S.S.E., S.E., S.                     |
| February ... | 30·08           | 47·8         | 32·0         | 40·6 | 84                        | W., N.W.                             |
| March ...    | 29·86           | 46·4         | 32·3         | 38·3 | 79                        | N.W., S.E., N.E.                     |
| April ...    | 30·03           | 47·7         | 34·6         | 41·3 | 76                        | N.E., S.E., N.N.E.                   |
| May ..       | 29·55           | 63·3         | 45·1         | 52·5 | 77                        | S.W., S.S.E., N.E.                   |
| June ...     | 30·10           | 67·3         | 49·7         | 55·4 | 75                        | W., N.N.W., N.E.                     |
| July ...     | 30·01           | 70·2         | 49·9         | 58·1 | 74                        | N.W., W., S.W.                       |
| August ...   | 30·01           | 67·5         | 48·2         | 55·9 | 76                        | N.W., W., S.W.                       |
| September    | 29·97           | 61·8         | 43·9         | 52·4 | 89                        | S.E., S.S.W. S.W.                    |
| October .    | 30·15           | 59·8         | 44·7         | 51·1 | 97                        | S.E., S.W., S.S.W.                   |
| November     | 30·09           | 51·5         | 38·1         | 44·4 | 90                        | S.W., S.W.                           |
| December     | 29·93           | 43·8         | 33·0         | 38·3 | 96                        | S.E., S., S.S.E.                     |

# STREET LIST OF KNOWN CASES OF INFECTIOUS DISEASES.

| STREETS.             | Small Pox. | Measles. | Scarlet Fever. | Typhoid F. | Diphtheria. | Membranous<br>Croup. | Erysipelas. | Puerperal<br>Fever, | TOTAL. |
|----------------------|------------|----------|----------------|------------|-------------|----------------------|-------------|---------------------|--------|
| Batham Street ...    |            |          |                |            | I           |                      |             |                     | I      |
| Baxter Avenue ...    |            |          |                |            | I           |                      |             |                     | I      |
| Bewdley Road ...     |            |          |                |            |             |                      | I           |                     | I      |
| Birmingham Road      |            |          |                |            | I           |                      |             |                     | I      |
| Bromsgrove Street    |            |          |                |            | I           |                      |             |                     | I      |
| Brussels Street ...  |            |          |                |            |             |                      | I           |                     | I      |
| Chapel Street ...    |            |          | I              |            |             |                      |             |                     | I      |
| Cherry Orchard ...   |            |          |                |            |             |                      | I           |                     | I      |
| Church Walk ...      |            |          |                |            |             |                      | I           |                     | I      |
| Cobden Street ...    |            |          | I              |            |             |                      |             |                     | I      |
| Coventry Street ...  |            |          |                |            |             |                      | I           |                     | I      |
| Cross Street ...     |            |          |                | I          | I           |                      |             |                     | 2      |
| Farfield Street ...  |            |          | I              |            |             |                      |             |                     | I      |
| Franchise Street ... |            |          |                |            |             |                      | I           |                     | I      |
| George Street ...    |            |          |                |            |             |                      | I           |                     | I      |
| Greenhill ...        |            |          |                |            |             |                      | I           |                     | I      |
| Hoo Road ...         |            |          |                |            |             |                      | I           |                     | I      |
| Horsefair ...        |            |          | I              |            |             |                      |             |                     | I      |
| Hume Street ...      |            |          | I              |            |             |                      |             |                     | I      |
| Hurcott Road ...     |            |          | 6              |            |             |                      |             |                     | 6      |
| Imperial Avenue...   |            |          |                |            |             |                      | I           |                     | I      |
| Infirmery ...        |            |          | 2              |            | 3           |                      | I           |                     | 6      |
| Long Acre ...        |            |          | I              |            |             |                      |             |                     | I      |
| Lorne Street ...     |            |          |                |            |             |                      | 2           |                     | 2      |
| Mill Street ...      |            |          |                |            | I           |                      |             |                     | I      |
| Mount Pleasant ...   |            |          | 2              |            |             |                      | I           |                     | 3      |
| Orchard Street ...   |            |          |                |            |             |                      | I           |                     | I      |
| Park Butts ...       |            |          |                |            | I           |                      |             |                     | I      |
| Park Lane ...        |            |          | I              |            | I           |                      |             |                     | 2      |
| Park Street ...      |            |          | I              |            |             | I                    | I           |                     | 3      |
| Prospect Lane ...    |            |          |                |            |             |                      | I           |                     | I      |
| Queen Street ...     |            |          | 3              |            |             |                      |             |                     | 3      |
| Rackfields ...       |            |          | I              |            |             |                      |             |                     | I      |
| Rock Terrace ...     |            |          |                |            |             |                      | I           |                     | I      |
| Shrubbery Street...  |            |          |                |            |             |                      | I           |                     | I      |
| South Street ...     |            |          |                |            |             |                      | I           |                     | I      |
| Vine Street ...      |            |          | I              |            |             |                      |             |                     | I      |
| Waterloo Street ...  |            |          | I              |            |             |                      |             |                     | I      |
| Wood Street ...      |            |          | I              |            |             |                      |             |                     | I      |
| York Street ...      |            |          | 2              |            |             |                      |             |                     | 2      |
| TOTAL ...            |            |          | 27             | I          | II          | I                    | 20          |                     | 60     |

